

42390P11202

PATENT

REMARKS

Claims 1-20 are pending in the application. Claims 1, 13, and 17 are independent claims.

Claims 1-6, 8-11, 13-14, 16-18, and 20 have been rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,778,407 ("Glew"). Claims 7, 12, 15, and 19 have been objected to as being dependent on rejected base claims.

With respect to claim 1, the examiner argues that Glew teaches a method comprising comparing an interim first address and an interim base value to determine whether a physical address can be validly translated to obtain a translated address. The examiner argues that this comparing is taught in figure 6A-B and column 4, lines 19-30 of Glew. However, that portion of Glew describes generating match signals. Glew describes these match signals as corresponding to memory types (see column 2, lines 14-17). Glew does not describe these match signals or memory types as determining whether a physical address can be validly translated to obtain a translated address.

The examiner also argues that the method of Glew comprises combining a physical address with an offset value to obtain a translated address, if the physical address can be validly translated. The examiner argues that this combining is taught in column 3, lines 18-22 of Glew. However, that portion of Glew describes a physical address as a translated portion of a linear address and an untranslated portion indicating an offset. It does not describe combining a physical address with an offset value to obtain a translated address, it does not describe a combining that depends on whether a physical address can be validly translated, and it does not describe a combining that depends on the match signals or memory types discussed above.

For at least these reasons, Glew cannot anticipate the invention as set forth in independent claim 1, or as set forth in claims 2-6 or 8-11, which depend on claim 1 and therefore include every limitation of claim 1. Claims 2-6 and 8-11 include additional limitations that also may not be disclosed by Glew. Accordingly, the withdrawal of the rejections of claims 1-6 and 8-11 is respectfully requested.

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With respect to claims 13 and 17, the examiner argues that Glew discloses an apparatus and a system, respectively, comprising comparison logic circuitry to compare an interim first address and an interim base value to determine whether a first address belongs to a segment that can be validly translated to obtain a second address, and combination logic circuitry to combine the first address with an offset value to obtain the second address if the comparison logic circuitry indicates that the first address can be validly translated. The examiner cites the same sections of Glew as discussed above. However, as discussed above, these portions of Glew do not describe a determination of whether an address can be validly translated, or a combination of an address with an offset value based on an indication that the address can be validly translated, and therefore cannot disclose logic circuitry to perform such a determination or combination.

For at least these reasons, Glew cannot anticipate the invention as set forth in independent claim 13 or independent claim 17, or as set forth in claims 14, 16, 18, or 20, which depend on one of these independent claims that Glew does not anticipate. Claims 14, 16, 18, and 20 include additional limitations that also may not be disclosed by Glew. Accordingly, the withdrawal of the rejections of claims 13-14, 16-18, and 20 is respectfully requested.

With respect to the objections to claims 7, 12, 15, and 19 as being dependent on rejected base claims, the rejections of the base claims have been overcome with the preceding arguments. Accordingly, the withdrawal of the objections to claims 7, 12, 15, and 19 is respectfully requested.

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CONCLUSION

Based on the foregoing, it is respectfully submitted that all of the examiner's rejections and objections have been overcome, and that claims 1-20 are in condition for allowance. Therefore, the issuance of a Notice of Allowance is respectfully requested. Please charge any necessary fees, including extension fees, to our Deposit Account No. 50-0221.

Respectfully submitted,

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